Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
Data File : BF080471.D
Acq On : 14 Jul 2015 18:46
Operator : TP/UM
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
apatel
7/16/2015 8:21:21 AM

Quant Time: Jul 15 01:56:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 15 01:24:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	14943	20.00	ng		0.00
21) Naphthalene-d8	8.41	136	57858	20.00	ng		0.00
38) Acenaphthene-d10	10.17	164	26462	20.00	ng		-0.01
63) Phenanthrene-d10	11.66	188	52525	20.00	ng		0.00
75) Chrysene-d12	14.53	240	53861	20.00	ng		0.06
86) Perylene-d12	16.27	264	68108	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	112662	129.35	ng		0.00
7) Phenol-d6	6.77	99	135981	117.97	ng		0.00
23) Nitrobenzene-d5	7.69	82	129509	127.32	ng		0.00
41) 2,4,6-Tribromophenol	10.97	330	30808	121.10	ng		0.00
44) 2-Fluorobiphenyl	9.48	172	233706	120.36	ng		0.00
78) Terphenyl-d14	13.30	244	264678	108.11	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	24279	60.06	ng		97
3) Pyridine	3.79	79	54278	57.75	ng		99
4) n-Nitrosodimethylamine	3.64	42	31017	60.80	ng		96
6) Aniline	6.80	93	101399	68.23	ng		99
8) 2-Chlorophenol	6.92	128	58642	57.04	ng		95
9) Benzaldehyde	6.68	77	39034	60.12	ng		99
10) Phenol	6.78	94	78692	61.25	ng		98
11) bis(2-Chloroethyl)ether	6.85	93	58946	56.30	ng		99
12) 1,3-Dichlorobenzene	7.07	146	65914	55.92	ng		98
13) 1,4-Dichlorobenzene	7.14	146	72672	55.23	ng		99
14) 1,2-Dichlorobenzene	7.30	146	71071	56.71	ng		100
15) Benzyl Alcohol	7.28	79	50081	53.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	95064	62.29	ng		95
17) 2-Methylphenol	7.39	107	46064	52.14	ng		97
18) Hexachloroethane	7.64	117	24783	60.68	ng		97
19) n-Nitroso-di-n-propylamine	7.53	70	49334	61.94	ng		100
20) 3+4-Methylphenols	7.54	107	68461	60.15	ng		94
22) Acetophenone	7.53	105	82219	60.40	ng	#	92
24) Nitrobenzene	7.71	77	72471	65.17	ng		97
25) Isophorone	7.94	82	122464	67.06	ng		99
26) 2-Nitrophenol	8.03	139	31323	59.20	ng		97
27) 2,4-Dimethylphenol	8.06	122	58198	67.62	ng		99
28) bis(2-Chloroethoxy)methane	8.14	93	65708	60.64	ng		99
29) 2,4-Dichlorophenol	8.27	162	49669	64.30	ng		95
30) 1,2,4-Trichlorobenzene	8.35	180	59138	57.87	ng		99
31) Naphthalene	8.43	128	175552	56.14	ng		100
32) Benzoic acid	8.16	122	28937	50.89	ng		89
33) 4-Chloroaniline	8.49	127	73145	67.68	ng		98
34) Hexachlorobutadiene	8.54	225	30472	51.90	ng		97
35) Caprolactam	8.84	113	13201	59.68	ng		88
36) 4-Chloro-3-methylphenol	8.97	107	49013	60.39	ng	#	71
37) 2-Methylnaphthalene	9.13	142	119007	57.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	51377	59.13	ng		99
40) Hexachlorocyclopentadiene	9.28	237	25829	58.18	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	34110	66.81	ng		98
43) 2,4,5-Trichlorophenol	9.46	196	33493	61.72	ng		98
45) 1,1'-Biphenyl	9.58	154	142526	62.83	ng		98
46) 2-Chloronaphthalene	9.62	162	114020	66.60	ng		99
47) 2-Nitroaniline	9.72	65	35109	70.04	ng		96
48) Acenaphthylene	10.03	152	177176	61.61	ng		99
49) Dimethylphthalate	9.88	163	125714	63.26	ng		100
50) 2,6-Dinitrotoluene	9.95	165	28201	63.67	ng		92
51) Acenaphthene	10.20	154	105400	57.94	ng		96
52) 3-Nitroaniline	10.13	138	31806	72.60	ng		93
53) 2,4-Dinitrophenol	10.24	184	10573	63.65	ng		92
54) Dibenzofuran	10.37	168	145479	60.07	ng		98
55) 4-Nitrophenol	10.30	139	20701	65.81	ng		90
56) 2,4-Dinitrotoluene	10.35	165	31366	60.77	ng	#	17
57) Fluorene	10.72	166	118094	57.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.50	232	28915	62.12	ng		97
59) Diethylphthalate	10.58	149	123862	63.20	ng		99
60) 4-Chlorophenyl-phenylether	10.70	204	58260	59.97	ng		95
61) 4-Nitroaniline	10.75	138	28197	66.61	ng		98
62) Azobenzene	10.86	77	126175	60.80	ng		97
64) 4,6-Dinitro-2-methylphenol	10.76	198	17913	66.23	ng		84
65) n-Nitrosodiphenylamine	10.83	169	103261	63.31	ng		100
66) 4-Bromophenyl-phenylether	11.20	248	32746	59.88	ng		89
67) Hexachlorobenzene	11.28	284	34163	60.85	ng	#	94
68) Atrazine	11.34	200	31940	65.21	ng		98
69) Pentachlorophenol	11.47	266	16826	55.05	ng		97
70) Phenanthrene	11.69	178	184157	58.95	ng		99
71) Anthracene	11.74	178	172670	59.80	ng		100
72) Carbazole	11.90	167	156648	59.14	ng		100
73) Di-n-butylphthalate	12.21	149	178315	64.70	ng	#	96
74) Fluoranthene	12.91	202	180000	56.21	ng		93
76) Benzidine	13.05	184	103004	89.38	ng		99
77) Pyrene	13.16	202	195788	57.46	ng		100
79) Butylbenzylphthalate	13.84	149	73125	57.34	ng		98
80) Benzo(a)anthracene	14.51	228	192911	58.18	ng		99
81) 3,3'-Dichlorobenzidine	14.48	252	64684	64.62	ng	#	95
82) Chrysene	14.56	228	189729	61.36	ng		99
83) Bis(2-ethylhexyl)phthalate	14.48	149	109707	55.24	ng	#	96
84) Di-n-octyl phthalate	15.24	149	200603	57.27	ng		99
85) Indeno(1,2,3-cd)pyrene	17.93	276	343544	85.95	ng		99
87) Benzo(b)fluoranthene	15.79	252	219962m	48.24	ng		
88) Benzo(k)fluoranthene	15.83	252	230195m	59.47	ng		
89) Benzo(a)pyrene	16.20	252	232013	56.66	ng		100
90) Dibenzo(a,h)anthracene	17.93	278	275301	66.20	ng		99
91) Benzo(g,h,i)perylene	18.42	276	288300	69.29	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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